XVIII. *On the Nervous Ganglia of the Uterus. By* ROBERT LEE, *M.D., F.R.S.* . . . . . page 269

XIX. *On a Cycle of Eighteen Years in the Mean Annual Height of the Barometer in the Climate of London, and on a constant variation of the Barometrical Mean according to the Moon's Declination. By* LUKE HOWARD, *Esq., F.R.S.* . 277

XX. *Computation of the Ratio of the Diameter of a Circle to its circumference to* 208 *places of figures. By* WILLIAM RUTHERFORD, *Esq., of the Royal Military Academy. Communicated by* S. HUNTER CHRISTIE, *Esq., M.A., Sec. R.S. &c. &c.* 281

XXI. *Researches in the Theory of Machines. By the Rev.* H. MOSELEY, *M.A., F.R.S., Professor of Natural Philosophy and Astronomy, King's College, London* 285

Index 307

APPENDIX.

Presents . . . . . [1]

Meteorological Journal kept at the Apartments of the Royal Society, by order of the President and Council.

ERRATUM.

Page 229, line 2, *for* to prolong themselves into lymph, *read* to prolong themselves into the lymph.